

INTERNATIONAL SEARCH REPORT

International Application No.

JP 03/15432

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47L25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 94 02 146 U (PHARMEX CHEMICAL AG BASEL) 31 March 1994 (1994-03-31) page 4, line 10 -page 4, line 15 ----	1
A	WO 02 069780 A (TAKABAYASHI KEIMA ;WADA MINORU (JP); HIROTA TAKAYUKI (JP); KAO COR) 12 September 2002 (2002-09-12) cited in the application ----	
A	DE 44 04 043 A (PHARMEX CHEMICAL AG) 17 August 1995 (1995-08-17) ----	
A	US 2 807 039 A (BUTLER LINDLEY E) 24 September 1957 (1957-09-24) -----	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

26 February 2004

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08/03/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 9402146	U	31-03-1994	DE 9402146 U1	31-03-1994
WO 02069780	A	12-09-2002	JP 2003135365 A	13-05-2003
			CN 1457243 T	19-11-2003
			WO 02069780 A1	12-09-2002
			US 2003165650 A1	04-09-2003
DE 4404043	A	17-08-1995	DE 4404043 A1	17-08-1995
US 2807039	A	24-09-1957	NONE	